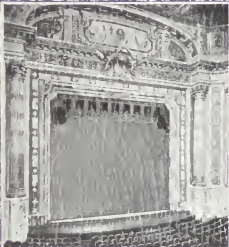


25.8

NOV 16 1914



J-M
Theatre
Necessities



COPYRIGHT, 1919, BY
H. W. JOHNS-MANVILLE CO
NEW YORK

Moving Picture Machine Films A Great Fire Hazard

The highly inflammable celluloid film used in moving picture machines is a source of great danger from fire. Fire insurance companies accordingly not only make high rates on buildings in which these machines are used, but in some sections actually prohibit their use except when enclosed in a fireproof booth.

In spite of all precautions and safety appliances, these inflammable films are in constant danger of becoming ignited by the intense hot rays of the projecting lamp, or hot rheostat. And this risk is greatly increased by carelessness in the use of cigars, matches, etc., in the vicinity of exposed films.

A burning film is unquenchable by water. The fire is self-supporting and spreads with great rapidity, generating an intense heat and noxious, dense fumes and smoke.

Besides the risk to property and lives from fire, there is great danger of a panic if the fire occurs in a crowded place of amusement. This danger of panic is exceptionally great in the case of a moving picture film fire, as it is most startling in its violence and rapidity.

Laws Compel the Use of Fire- proof Booths

Laws have been enacted in many states compelling the use of a fireproof booth or

enclosure. In communities where the authorities are properly watchful of public safety, in fact, wherever this subject has been given serious consideration, the form of enclosure demanded is an *asbestos* booth.

J-M Asbestos Booths conform to all the requirements of the insurance authorities and the inspection departments wherever ordinances have been passed compelling the use of a fireproof booth. Following are a few of the states which have approved the use of J-M Asbestos Booths:

New York,	Vermont,
Massachusetts,	Michigan,
New Hampshire,	Connecticut,
Pennsylvania,	Rhode Island,
New Jersey,	Ohio,
Maine,	California, Etc.,

also the National Board of Fire Insurance Underwriters and the New England Insurance Exchange.

J-M Transite Asbestos Wood Booths

These Booths are built of J-M Transite Asbestos Wood $\frac{1}{4}$ inch thick on sides and top and $\frac{3}{8}$ inch thick on floor. This wood is made of that *indestructible* fibrous mineral—Asbestos. It possesses greater fire-resisting properties than any other material suitable for building a booth. Fire

Water will not disintegrate it, even if turned on it while the wood is hot. It will not warp or shrink.

The framework on which the J-M Transite Asbestos Wood sheets are mounted is made of heavy angle irons or tees.

The presence of a J-M Transite Asbestos Booth gives the audience a sense of security and imparts to the house an appearance of permanency and high tone. It can be decorated in keeping with the interior finish of any theatre.

Better Than Metal Booths

J-M Transite Asbestos Wood Booths have many advantages over sheet metal booths. Metal booths are liable to become charged from an electric circuit, or "grounded," while the asbestos used in the construction of our booths is a non-conductor of electricity and such "grounds" cannot occur. These Asbestos Booths are much more durable than booths made of sheet metal. They do not transmit to the auditorium noises incident to the operation of the picture machine. A metal booth, on the other hand, acts as a sounding board, actually augmenting the noises within, thus detracting from the pleasure of the audience and cheapening the effect of a high-class show.



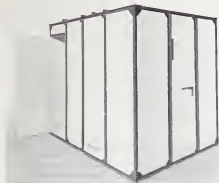
J-M Transite Asbestos Wood Permanent Booth.

J-M Transite Asbestos Wood Permanent Booths

J-M Transite Asbestos Wood Booths are made in two styles—permanent or stationary, and semi-portable.

The Permanent style of booth is made of Asbestos Wood sheets attached by bolts to structural steel framework. This skeleton frame is first set up; then the asbestos wood is bolted on the outside for a cover and the doors, shelves, or on the inside of the frame for a boiler (as illustrated on page 17), as may be required.

It is fabricated in "knock down" form so that it can be readily set up for a complete operative booth. It is provided with



J-M Transite Asbestos Wood Permanent Booth.

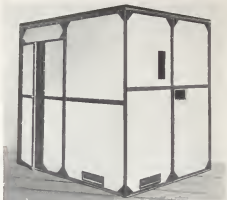
a door and window shutters to close automatically in case of fire.

A complete ventilating system, including galvanized iron pipe flues and an exhaust fan, will be furnished on special order.

We are equipped to install these booths in the most approved manner, when desired.

Prices on Application

When requesting quotations please state size of booth desired. Use the number of booth only if standard size is desired; but furnish dimensions and drawing or sketch if special size is wanted, giving actual outside dimensions and location of the door. Also state if you wish price to include installation.



J-M Transite Asbestos Wood Semi-Portable Booth.

J-M Transite Asbestos Wood Semi-Portable Booths

The Semi-Portable Booth is made of Asbestos Wood sheets or panels, framed with angle iron, and is intended to meet the demand for a permanent booth of portable type.

The construction of the Semi-Portable booth is just as strong and substantial as the permanent type. The design is similar to a portable house. The walls and roof are made of panels of asbestos wood. These panels are framed with angle irons and are made interchangeable. They are



J-M Transite Asbestos Wood Semi-Portable Booth.

plainly marked so that they can be easily put together by any carpenter without the necessity of fitting, filing or drilling. This booth can be put together or taken down in less than two hours, whereas it takes two men from one to two days to build up the Permanent type. Only about thirty bolts are required to assemble this booth, while one thousand bolts are required to assemble the Permanent Booth. If taken down for removal, this Semi-Portable Booth can be shipped without crating and can be readily re-assembled; whereas the Permanent style is taken apart with more difficulty and requires as much labor to put it together again as was necessary in the first place.

Another feature which strongly recommends this Semi-Portable Booth is that it can be easily enlarged by the addition of standard panels. For instance, there are 10 panels in the No. 1 size, 13 in the No. 2 and 16 in the No. 3. The panels, as stated, are interchangeable, and are carried in stock at our factory.

Special sizes of booths of this style can be furnished promptly.

Sizes of Permanent and Semi-Portable Booths.

The permanent and semi-portable booths are furnished regularly as follows:

No. 1 Booth for One Machine

Inside Dimensions.	Outside Dimensions.
±5 ft. 9 in. wide x 7 ft. 9 in. deep x 7 ft. high.	±6 ft. wide x 8 ft. deep x 7 ft. 2 in. high.
*6 ft. wide x 8 ft. deep x 7 ft. high.	*6 ft. 3 in. wide x 8 ft. 3 in. deep x 7 ft. 2 in. high.
±6 ft. wide x 8 ft. deep x 7 ft. high.	±6 ft. 4 in. wide x 8 ft. 4 in. deep x 7 ft. 3 in. high.

No. 2 Booth for Two Machines

Inside Dimensions.	Outside Dimensions.
±8 ft. 9 in. wide x 7 ft. 9 in. deep x 7 ft. high.	±9 ft. wide x 8 ft. deep x 7 ft. 2 in. high.
*9 ft. wide x 8 ft. deep x 7 ft. high.	*9 ft. 3 in. wide x 8 ft. 3 in. deep x 7 ft. 2 in. high.
±9 ft. wide x 8 ft. deep x 7 ft. high.	±9 ft. 4 in. wide x 8 ft. 4 in. deep x 7 ft. 3 in. high.

No. 3 Booth for Three Machines

Inside Dimensions.	Outside Dimensions.
†11 ft. 9 in. wide x 7 ft. 9 in. deep x 7 ft. high.	†12 ft. wide x 8 ft. deep x 7 ft. 2 in. high.
*12 ft. wide x 8 ft. deep x 7 ft. high.	*12 ft. 3 in. wide x 8 ft. 3 in. deep x 7 ft. 2 in. high.
†12 ft. wide x 8 ft. deep x 7 ft. high.	†12 ft. 4 in. wide x 8 ft. 4 in. deep x 7 ft. 3 in. high.

†Furnished where regulations permit 48 sq. ft. outside floor space for one machine, 72 sq. ft. for two machines and 96 sq. ft. for three machines.

*Furnished where law requires 48 sq. ft. inside floor space for one machine, 72 sq. ft. for two machines and 96 sq. ft. for three machines.

†Furnished where law specifies 48 sq. ft. inside floor space for one machine, 72 sq. ft. for two machines and 96 sq. ft. for three machines, two-foot spacing between uprights, $1\frac{1}{2}$ in. x $1\frac{1}{2}$ in. x $\frac{3}{16}$ in. angle iron supports for roof and 1 in. x 1 in. x $\frac{3}{16}$ in. angle iron for frame of door. All other angle and tee irons $1\frac{1}{2}$ in. x $1\frac{1}{2}$ in. x $\frac{1}{4}$ in.

Shipping weights are approximately as follows:

No. 1 weighs 1200 lbs., No. 2 weighs 1600 lbs., No. 3 weighs 2000 lbs.

Prices on regular and special sizes on application.



J-M Asbestos Portable Booth.

J-M Asbestos Portable Booth

In addition to the J-M Transite Asbestos Wood Booths, we also make a Portable or tent type of booth, which consists of an asbestos cloth covering over an iron pipe framework. This asbestos cloth is made by weaving a yarn, spun from the silky fibres of asbestos, into a heavy fabric which resembles heavy cotton duck. The asbestos cloth fabric is strong and light and is absolutely fireproof. It is therefore well adapted to the making of a fireproof booth or enclosure.

The Asbestos cloth covering is made in three pieces. One piece forms the covering for the top, another encloses the sides,

and another forms a flooring or carpet. These pieces are made with overlapping flaps so that the booth is practically smoke-tight.

These booths are very strong and durable, one prominent lecturer having used one for about eighteen months in this country and abroad, giving many shows each week, and the booth is still practically as good as when new.

A specially designed hinged trap, by which a ventilating space is secured, is furnished with this booth. It is so arranged that it will close automatically in case of fire.

The asbestos cloth covering can be easily folded into a compact bundle, and the skeleton pipe frame, being designed with telescoping joints and socket fittings, can also be easily taken apart. The booth can be set up or taken down and packed for shipment in twenty to thirty minutes.

Some portable asbestos cloth booths are made with a frame having pipe thread screw fittings, which are sure to give trouble and cause delays if the threads become burred. The specially designed socket fittings of J-M Asbestos Booths cannot get out of order.

When packed for shipment, this booth occupies a space only 61 in. long by 14 in. wide and 12 in. deep. Its total weight is about 170 lbs. It can be packed in a stout wooden chest with hinged cover, clasp and



G.M. Portable Asbestos Booth.

padlock, which weighs about 80 lbs. or a fibre trunk of telescope pattern, strongly battened and supplied with straps and locks, weighing about 50 lbs. It is, therefore, possible to pack the booth in a trunk and have the total weight come within the 250 lb. limit for personal baggage.

Plain or painted asbestos covers are furnished for booths as desired.

We are prepared to furnish asbestos booths of portable type made with cloth covering and cloth flooring, sized and tinted like asbestos fire curtains. The advantage of this treatment is that the cloth wears longer keeps cleaner and eliminates the shedding of lint from the asbestos fibres of the cloth, which is a great objec-

tion to this type of booth when not so treated. The painting does not detract from its fireproof qualities, and adds to its strength.

Size of Portable Booth

This type of booth is furnished regularly in one size only, the No. 1, for one machine, 5 feet square by 6½ feet high. Prices on application.

Approximate shipping weight of Booth complete with covering and frame, 170 lbs. Booth complete as above, packed in trunk or crate, 200 to 250 lbs.

Special Booths

We are prepared to furnish asbestos booths in special sizes or styles promptly. We furnish the complete booth or any part of the asbestos cloth or asbestos wood covering, as well as the iron frame and fittings.

J-M Transite Asbestos Wood for Fireproof Cabinets, Closets, etc.

Many theatres and exchanges take great chances of a disastrous fire by storing moving picture films in wooden cabinets, closets, etc. In some large exchanges there is carried from 500,000 to 1,000,000 feet of film, which is equivalent to 2,500 to 5,000 pounds of the inflammable celluloid.

These wooden cabinets, closets etc., can be made absolutely fireproof by lining them with J-M Transite Asbestos Wood, similar to that used in the booths herein referred to. It can be applied by any carpenter, as it can be sawed, drilled and worked the same as ordinary wood.

The fire loss can also be limited to a portion of the stock in case of an accidental fire occurring in such a cabinet or closet by dividing it into several compartments with J-M Transite Asbestos Wood.

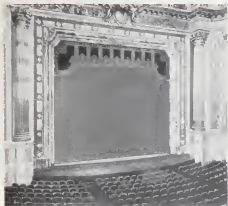
J-M Transite Asbestos Wood is also exceptionally valuable for making cabinets, boxes, etc., for the storage of valuables or the safe keeping of rich "properties."

This wood is also suitable for general fireproofing and sheathing purposes for electrical cabinets, stage pockets, fire walls, etc.

J-M Theatre Curtains

More fire disasters have undoubtedly been prevented by asbestos theatre curtains than by any other single protective device, and there are probably more J-M Theatre Curtains in use than all other makes combined.

J-M Theatre Curtains are made of two different materials—Vitribestos and Asbestos Cloth.



J-M Vitribestos Curtain in Century Theatre, New York, 48 Ft. Wide, 45 Ft. High, Supported by Steel Cables and Operated by Hydraulic Power.

J-M Vitribestos Curtain

In many of the larger cities of the country the city regulations require that theatres be equipped with a fireproof curtain made in the form of a movable fire wall. The J-M Vitribestos Theatre Curtain meets these requirements.

It consists of a structural frame covered on the stage side with Vitribestos fireproof sheets one inch thick, a dead air space of four or five inches in the center, and a sheet of steel next to the audience. This construction consists of a heavy frame of channels with upright channels or

angles of a lighter weight placed on about 6-foot centers.

Fastened to both the auditorium and stage sides of this structure are strips of steel running both horizontally and vertically. These strips are so arranged that they form a network of 3-foot squares.

The Vitribestos sheets are fastened to these strips on the stage side of the curtain by means of bolts or wire; the sheets being carefully cemented at all of the joints with J-M Vitribestos Fireproof Cement and the joints covered with asbestos tape to make a presentable appearance. Plain or corrugated steel is bolted on to the auditorium side of the curtain.

The entire construction is braced and held by adjustable tie rods which serve the double purpose of acting as trusses from which the curtain is suspended by wire cables and also for tightening up and preventing the curtain from buckling.

With this construction, a J-M Vitribestos Curtain is literally a fire wall. The Vitribestos on the stage side, where fires are most liable to originate, will stand the flame of a blow-torch, giving 1500 degrees heat, for fifteen minutes or more without the other side of curtain reaching a temperature of 155 degrees.

J-M Asbestos Curtains

These are made of pure asbestos cloth. This cloth is made from yarns, spun from the long, tough fibres of the asbestos rock. Twisted into each strand of this yarn are fine brass wires.

Asbestos curtains are made up with substantial lap-seams, breadth running full height of the curtain, hems at the sides, and pockets top and bottom for battens (extra pockets for special rigging if desired). All sewing on the above done with pure asbestos twine. Iron guides are either bolted or riveted on side hems, and brailing rings, or snap-hooks attached with asbestos twine.

J-M Asbestos Curtains can also be furnished from asbestos cloth, with or without brass wire reinforcement, in both pure or commercially pure cloths.

Prices on application.

J-M Asbestos Roofing and Asbestoside for Moving Picture Theatres, etc.

A ready roofing and siding made of that indestructible mineral, Asbestos. These products are fireproof, rotproof, rust-proof, gasproof, heatproof, coldproof, and never need painting.

J-M Linolite Lamps and Frink Reflectors



The Most Efficient and Practical System for Illuminating the Stage, Auditorium, Lobby, etc.

The superiority of the J-M Linolite Lamp, as compared with the old style incandescent bulb, for lighting theatres is now generally conceded. The J-M Linolite Lamp has a greater glass area, so does not blacken as quickly, hence has a much longer life.

This lamp consists of a tube nearly a foot long and one inch in diameter, with a filament running the entire length of the tube. The method of installing is to join a number of lamps end to end, producing an even, continuous *line of light*.

J-M Linolite Lamps used with Frink Reflectors of various types diffuse over any given area a powerful but soft light, free from disagreeable shadows and spots.

Our staff of experienced Illuminating Engineers will be glad to assist you in solving illuminating problems and in procuring special scenic effects. Prices and further particulars on application.

J-M Fyro Fire Extinguisher

This wonderful "little giant" fire-fighter has four times the *flame-destroying* power of any chemical extinguisher of *ten* times its capacity. It will put out any fire in its incipient stage if used according to our simple directions.

A woman or child can use the J-M Fyro with positive results. It is aimed with absolute accuracy. No pumping—no unscrewing of nuts—no turning upside down. *Just hold in upright position and turn valve wheel.* J-M Fyro does the rest.

This is the only extinguisher that successfully uses *compressed air* to discharge the extinguishing fluid—a liquid gas deadly to fire but harmless to anything else. J-M Fyro Fluid is non-corrosive. Won't cause rust; contains no moisture—therefore no danger of short circuits when used on electrical fires. This fluid is good until used; will not freeze, deteriorate or evaporate.

J-M Fyro Extinguisher is more simple in construction than any other extinguisher of its type on the market. Has only 10 parts, while others of the same type have 40 or more parts.

J-M Fyro has put out a larger percentage of fires than any other extinguisher. Extinguishes burning moving picture films, gasoline, naphtha, oil, varnish, calcium carbide and electrical fires, whereas many chemical extinguishers cause them to spread and increase in volume.

J-M Fyro is made of heavy seamless brass; 15 inches high by 3 inches in diameter, and weighs only 5 pounds.



J-M Success Fire Extinguisher

This extinguisher is approved by the National Board of Fire Underwriters—the highest stamp of approval any fire-fighting apparatus can receive. The chemicals used in the J-M "Success" are the same as used by Fire Departments.

The J-M "Success" throws a 50-foot chemical stream that is *forty times as effective* as water. It acts as a blanket and smothers fire which water cannot reach—between partitions, in the chimney, etc., and also extinguishes benzine, naphtha, tar, and other fires on which water has practically no effect.



J-M Manville Fire Extinguisher

This dry powder chemical extinguisher will instantly put out any fire, whether arising from gasoline, kerosene, paint, gases, defective electrical appliances or any other cause, if thrown at the base of flame when fire first starts. It is non-poisonous and will not injure the most delicate fabric or scenery. It will not freeze, explode, cake in the tube, corrode nor deteriorate with age.

H. W. JOHNS-MANVILLE CO.

ARRON
ALBANY
ATLANTA
BALTIMORE
BIRMINGHAM
BOSTON
BUFFALO
CHARLOTTE
CHICAGO
CINCINNATI
CLEVELAND
COLUMBUS
DALLAS
DENVER

DETROIT
DULUTH
HOUGHTON
HOUSTON
INDIANAPOLIS
KANSAS CITY
LOS ANGELES
LOUISVILLE
MEMPHIS
MILWAUKEE
MINNEAPOLIS
NEWARK
NEW ORLEANS
NEW YORK

OMAHA
PHILADELPHIA
PITTSBURGH
PORTLAND
ROCHESTER
ST. LOUIS
ST. PAUL
SALT LAKE CITY
SAN FRANCISCO
SEATTLE
SYRACUSE
WASHINGTON
WILKES-BARRE
YOUNGSTOWN

SOLE
ASBESTOS
ROPS